

CHAPTER 5

RIGGING TOW WEAPON SYSTEM AND MISSILES IN AN A-22 CARGO BAG FOR LOW-VELOCITY AIRDROP

5-1. Description of Load

The TOW weapon system consists of the launcher, launch tube, and power pack. It can be rigged with eight missiles in an A-22 cargo bag for low-velocity airdrop. The load requires one G-12D cargo parachute or three

G-14 cargo parachutes.

5-2. Rigging A-22 Cargo Bag

Rig the TOW weapon system in the A-22 cargo bag as shown in Figures 5-1 through 5-8.

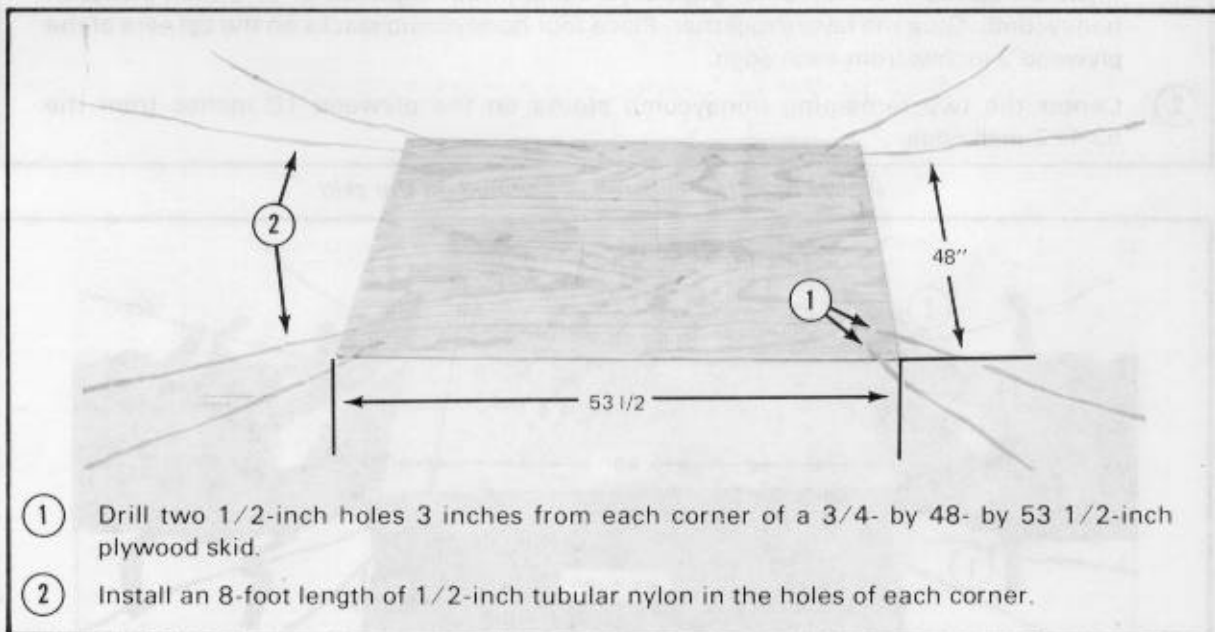


Figure 5-1. Skid prepared

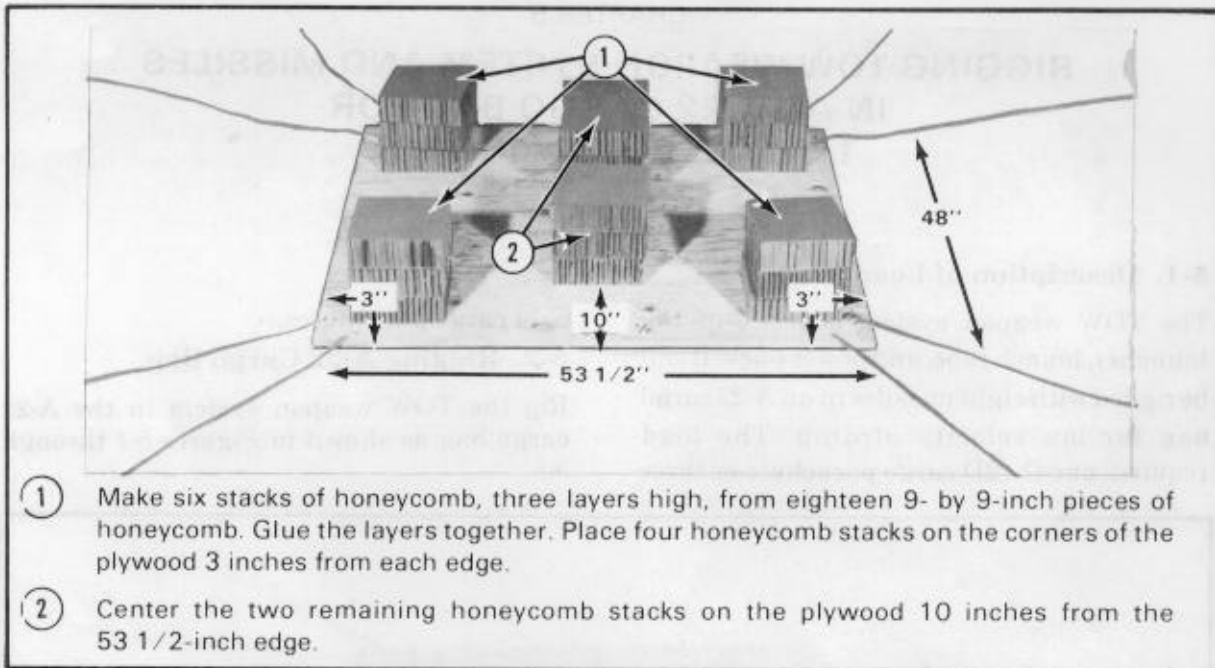


Figure 5-2. Honeycomb positioned on the skid

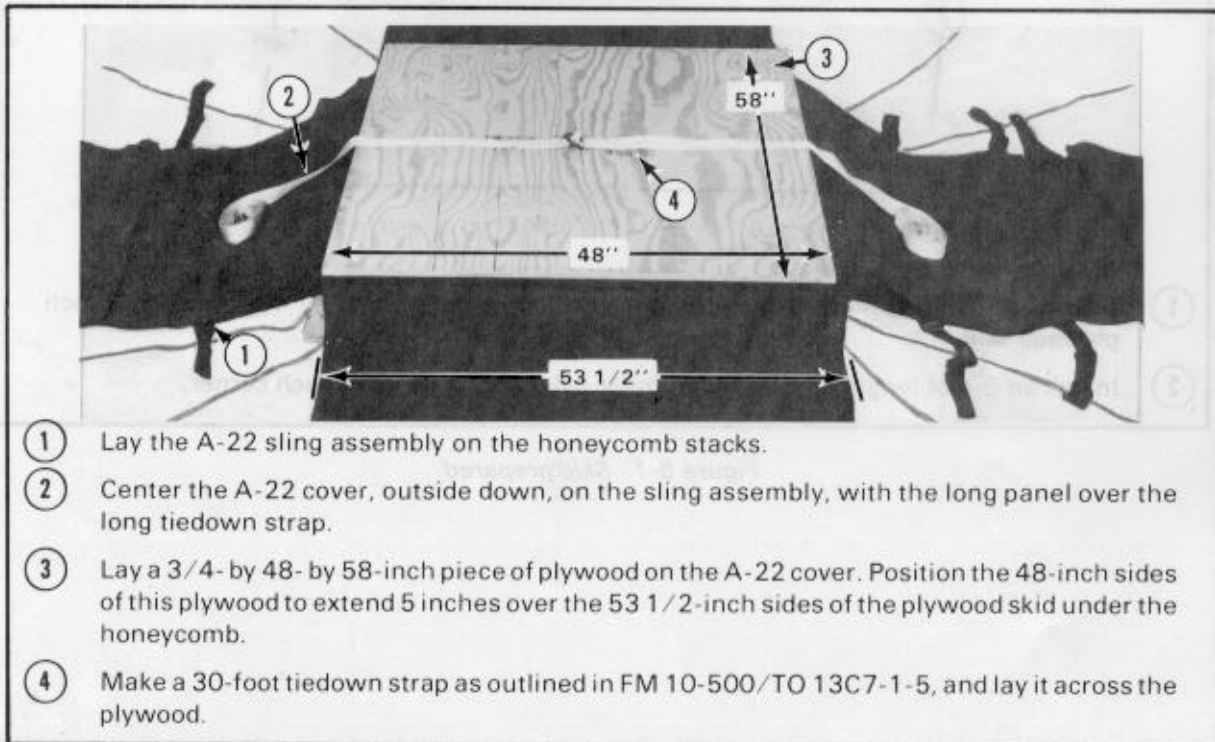


Figure 5-3. A-22 cargo bag prepared for the TOW missile system

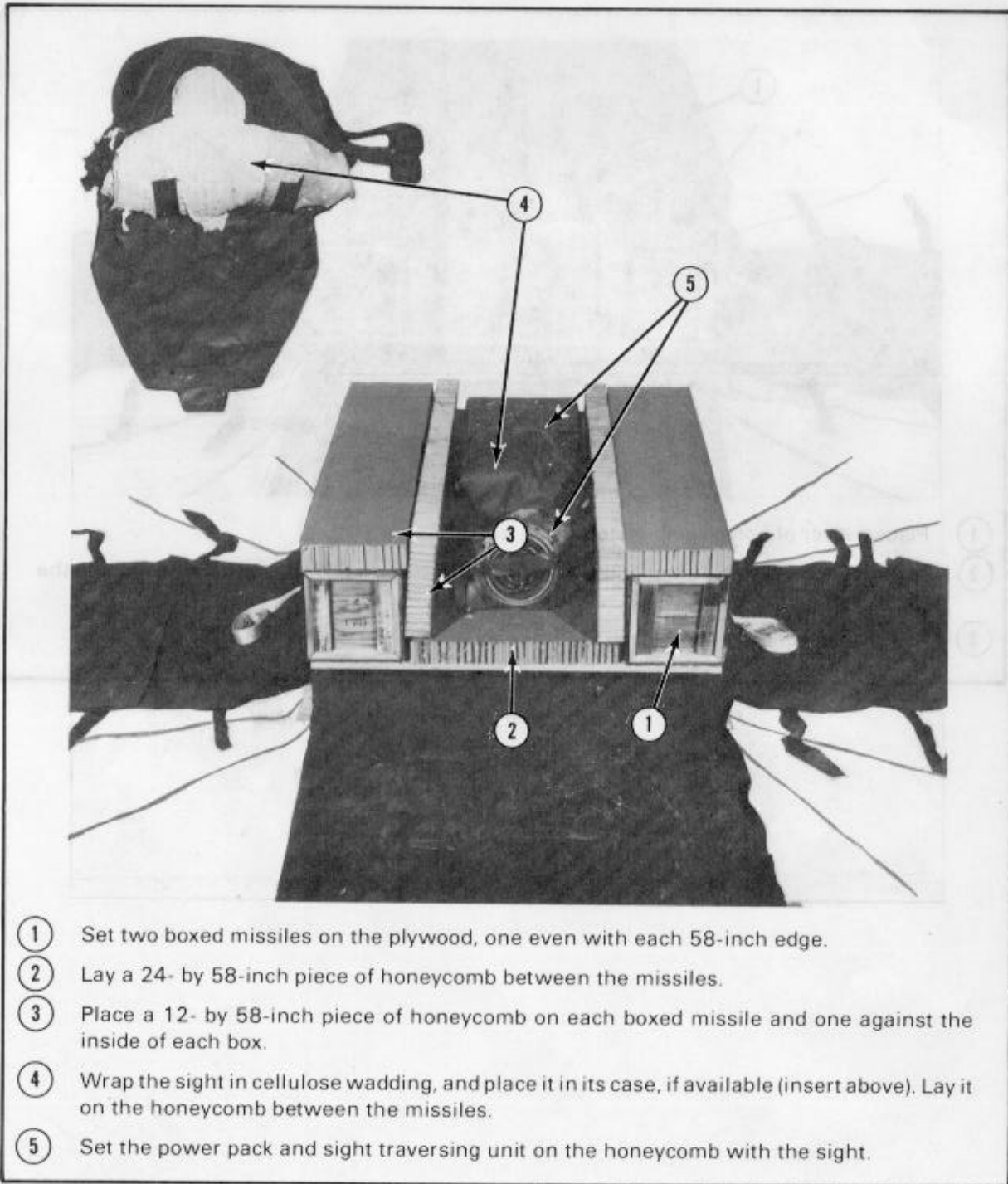
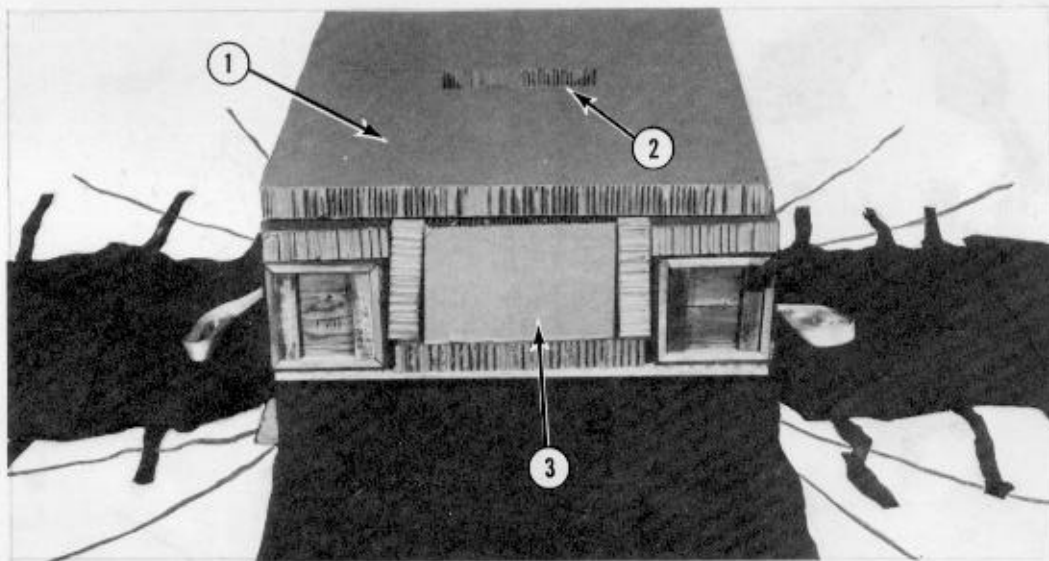


Figure 5-4. Missiles, sight traversing unit, sight, and power pack stowed



- ① Place a layer of honeycomb on top of the load.
- ② Make a 6- by 18-inch cutout in the honeycomb to keep the honeycomb from touching the sight.
- ③ Place a piece of honeycomb, cut to fit, at each end of the equipment.

Figure 5-5. Honeycomb placed on top of the load

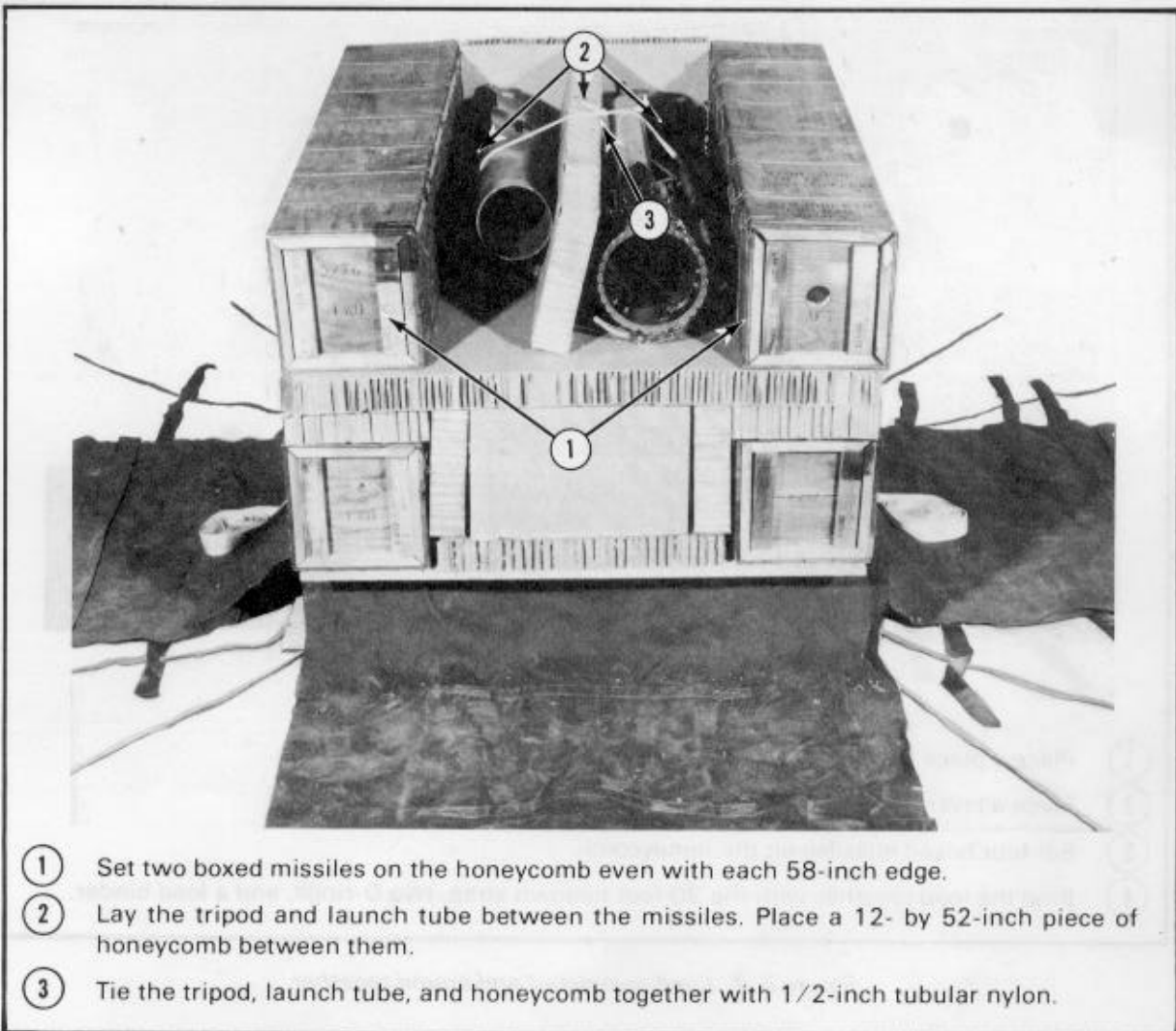


Figure 5-6. Missiles, tripod, and launch tube stowed

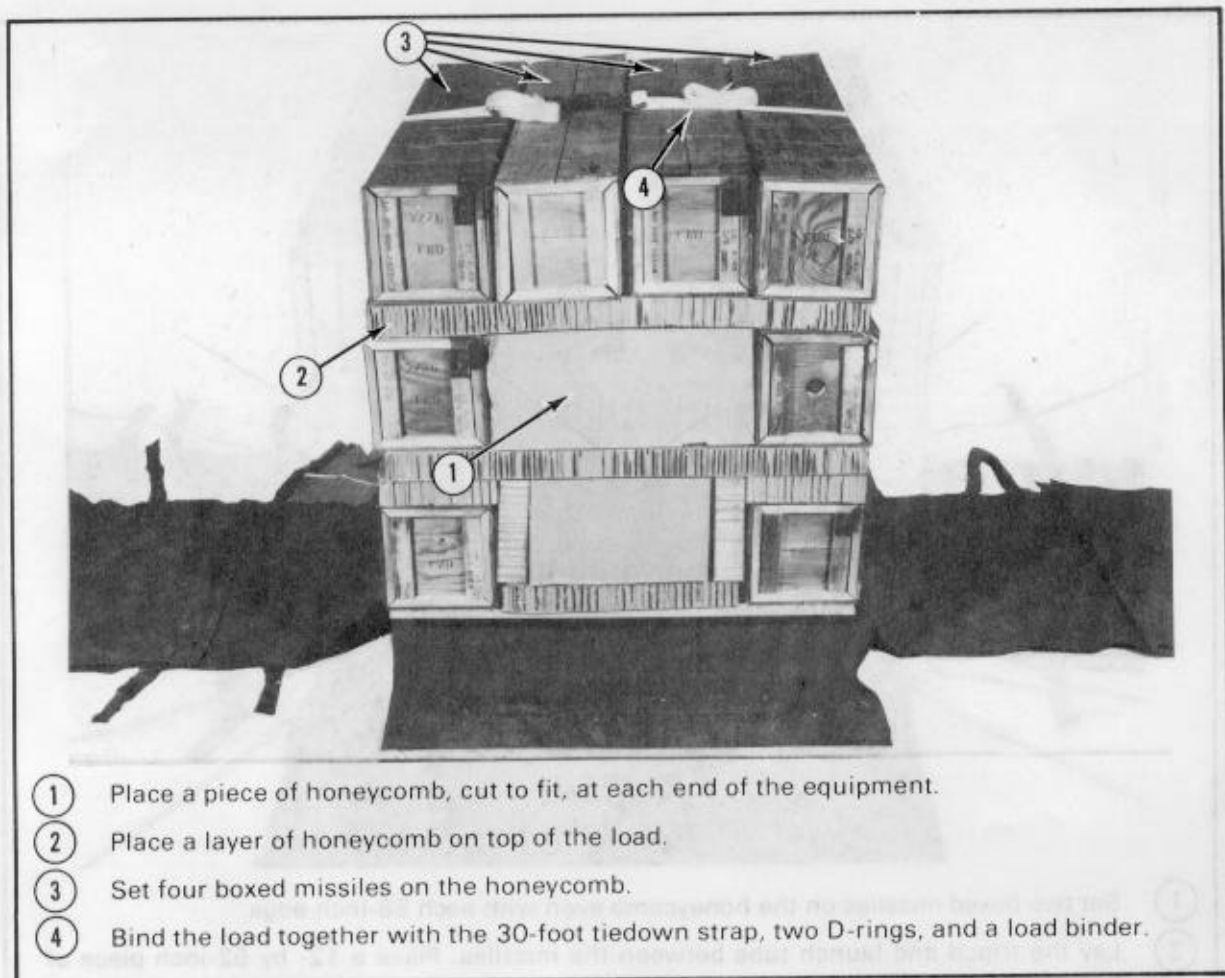


Figure 5-7. Load completed and bound together

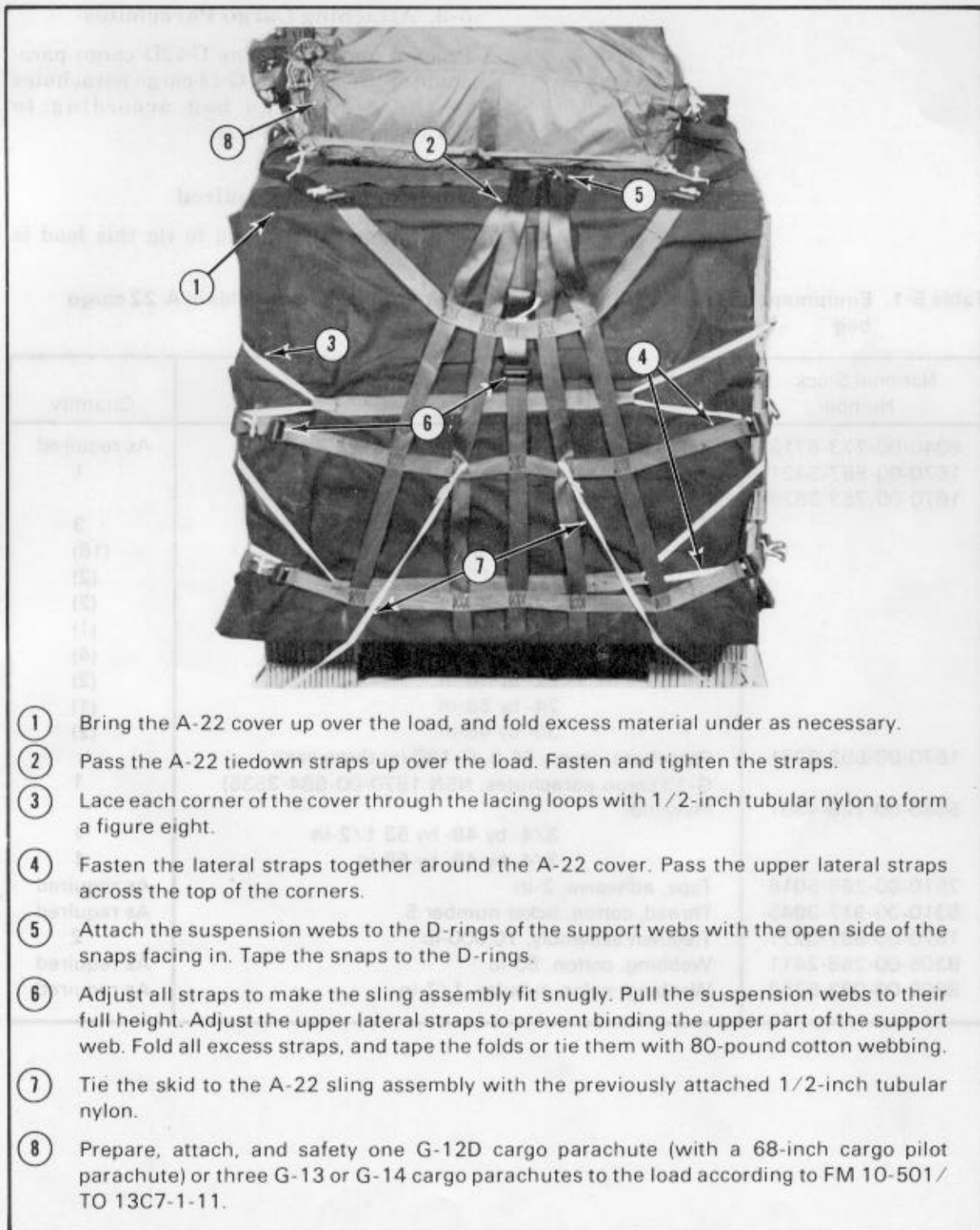


Figure 5-8. TOW weapon system rigged in A-22 cargo bag

5-3. Attaching Cargo Parachutes

Prepare and attach one G-12D cargo parachute or three G-13 or G-14 cargo parachutes to the A-22 cargo bag according to FM 10-501/TO 13C7-1-11.

5-4. Equipment Required

The equipment required to rig this load is listed in Table 5-1.

Table 5-1. Equipment required to rig TOW weapon system and eight missiles in A-22 cargo bag

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
1670-00-587-3421	Bag, cargo, aerial delivery, type A-22	1
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3- by 36- by 96-in:	3
	9- by 9-in	(18)
	12- by 18-in	(2)
	12- by 24-in	(2)
	12- by 52-in	(1)
	12- by 58-in	(4)
	22- by 48-in	(2)
	24- by 58-in	(1)
	36- by 48-in	(2)
1670-00-893-2371	Parachute, cargo, 64-ft, G-12D (or three each, G-13 cargo parachutes, NSN 1670-00-984-3535)	1
5530-00-128-4981	Plywood:	
	3/4- by 48- by 53 1/2-in	1
	3/4- by 48- by 58-in	1
7510-00-266-5016	Tape, adhesive, 2-in	As required
8310-00-917-3945	Thread, cotton, ticket number 5	As required
1670-00-937-0271	Tiedown assembly, 10,000-lb	2
8305-00-268-2411	Webbing, cotton, 80-lb	As required
8305-00-082-5752	Webbing, nylon, tubular, 1/2-in	As required